



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
C. Stephen Allred, Director

November 18, 2002

Certified Mail No. 7000 1670 0013 9128 6980

Jim Beckwith
Manager of Environmental Health and Safety
J.R. Simplot Co., Food Group
P.O. Box 676
Heyburn, ID 83336

RE: AIRS Facility No. 067-00017, J.R. Simplot Co., Heyburn
Final Tier I Operating Permit

Dear Mr. Beckwith:

The Department of Environmental Quality (Department) is issuing Tier I Operating Permit No. 067-00017 for the J.R. Simplot Heyburn facility in accordance with IDAPA 58.01.01.300 - 386. The enclosed permit is effective immediately and is based on the information contained in your permit application, received August 17, 1995.

Steve VanZandt of the Twin Falls Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. The Department recommends the following representatives attend this meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of the decision. However, prior to filing a petition for a contested case, the Department encourages you to contact Bill Rogers at (208) 373-0502 or wrogers@deq.state.id.us to discuss any questions or concerns you may have with the enclosed permit.

Sincerely,


Katherine B. Kelly
Administrator
Air Quality Division

KK/tk Project No. T1-9508-131-1 G:\Air Quality\Stationary Source\SS Ltd\T1\URS-Heyburn\Final\JRS Heyburn Final PL.doc

Enclosures

cc: Sherry Davis, Air Quality Division
Steve VanZandt, Twin Falls Regional Office
Laurie Kral, EPA Region 10



Air Quality
TIER I OPERATING PERMIT

State of Idaho
Department of Environmental Quality

PERMIT NO.: 067-00017

AQCR: 063

CLASS: A

SIC: 2037

ZONE: 12

UTM COORDINATE (km): 273.1, 4714.2

1. PERMITTEE

J.R. Simplot Co., Food Group, Heyburn Plant

2. PROJECT

Tier I Operating Permit

3. MAILING ADDRESS

P.O. Box 676

CITY

Heyburn

STATE

ID

ZIP

83336

4. FACILITY CONTACT

Jim Beckwith

TITLE

Manager of Environmental
Health and Safety

TELEPHONE

(208) 677-7115

5. RESPONSIBLE OFFICIAL

Bruce Hauber

TITLE

Unit Director

TELEPHONE

(208) 677-7189

6. EXACT PLANT LOCATION

Within city limits of Heyburn on Highway 30 North

COUNTY

Minidoka/Cassia

GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Potato and other food processing/Ethanol production

8. PERMIT AUTHORITY

This Tier I operating permit is issued pursuant to Idaho Code §39-115 and the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.300 through 386. The permittee shall comply with the terms and conditions of this permit.

This permit incorporates all applicable terms and conditions of prior air quality permits issued by the Idaho Department of Environmental Quality for the permitted source, unless the permittee emits toxic pollutants subject to state-only requirements pursuant to IDAPA 58.01.01.210, and the permittee elects not to incorporate those terms and conditions into this operating permit.

The effective date of this permit is the date of signature by the Department on the cover page.


KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: NOVEMBER 18, 2002

DATE EXPIRES: NOVEMBER 18, 2007

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Acronyms, Units and Chemical Nomenclature

AMU	air makeup unit
ASTM	American Society for Testing and Materials
AQCR	Air Quality Control Region
CAA	Clean Air Act
CFR	Code of Federal Regulations
CH ₄	methane
CO	carbon monoxide
CO ₂	carbon dioxide
Department	Department of Environmental Quality
dscf	dry standard cubic feet
EPA	U.S. Environmental Protection Agency
gpm	gallons per minute
gr	grain (1 lb = 7,000 grains)
HAPs	hazardous air pollutants
H ₂ S	hydrogen sulfide
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
JRS	JR Simplot
km	kilometer
lb/hr	pound per hour
MMBtu/hr	million British thermal units per hour
mmHg	millimeters of mercury
NO _x	nitrogen oxides
NSPS	New Source Performance Standards
O&M	operations and maintenance
O ₂	oxygen
PM	particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter of a nominal 10 micrometers or less
PTC	permit to construct
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO ₂	sulfur dioxide
T-R	Transform-Rectification
T/day	tons per day
T/yr	tons per year
U.S.C.	United States Code
UTM	Universal Transverse Mercator
VOC	volatile organic compound
WESP	wet electrostatic precipitator

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

1. TIER 1 OPERATING PERMIT SCOPE

Purpose

- 1.1 This Tier I operating permit establishes facility-wide requirements in accordance with the SIP control strategy and the *Rules for the Control of Air Pollution in Idaho*.
- 1.2 This Tier I permit incorporates the following permits and consent orders:
- Facility-wide Tier II Operating Permit No. 067-00017
 - PTC No. 067-00017, issued June 30, 2000
 - PTC No. 067-00017, issued April 3, 2000
 - PTC No. 067-00017, issued November 15, 1999
 - PTC No. 067-00017, issued February 3, 1999
 - PTC No. 067-00017, issued May 28, 1998
 - Consent Order, issued September 27, 2000
 - Consent Order, issued October 7, 1999
 - Consent Order, issued November 12, 1998

Regulated Sources

- 1.3 Table 1.1 lists all sources of regulated emissions in this Tier I operating permit.

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Table 1.1 REGULATED EMISSIONS SOURCES

Permit Sections	Source Description	Emission Control(s)
3	<u>Dryers</u> (Line 1, line 2, and line 4 dryers)	None
4	<u>WESP Stack</u> (Line 1, line 2, line 3, and line 4 fryers)	PM ₁₀ emissions are controlled by a wet electrostatic precipitator.
5	<u>Boilers</u> Springfield boiler, natural gas-fired; Manufactured by Springfield; Model: S/N-481; Rated heat input capacity: 37.8 MMBtu/hr. Cleaver-Brooks boiler, natural gas-fired; Manufactured by Cleaver-Brooks; Model: DL76-WL1172; Rated heat input capacity: 76.7 MMBtu/hr. Nebraska boiler, natural gas-fired; Manufactured by Nebraska; Model: NOS-2A-58; Rated heat input capacity: 80 MMBtu/hr	PM/PM ₁₀ emissions from the boilers are uncontrolled. Nebraska boiler is equipped with low-NO _x burners.
6	<u>Ethanol Production Plant and Storage Tanks</u> The ethanol production plant uses fruit, grain, sugar, and vegetable waste, including potato waste from the Heyburn facility and other facilities, to produce 200-proof ethanol. The produced ethanol is stored in tanks at the facility.	None
7	<u>Material Handling System</u> The ethanol plant receives shelled corn, whole wheat, milo, granulated sugar and other grains from delivery trucks. The raw materials are moved several times via screw conveyors and recovery elevators into storage bins, surge bins, and weigh belts. Material is then dropped into the hammer mill to be ground into correct size for use in the ethanol plant.	PM ₁₀ emissions from the receiving area, the material handling operations, and the hammer mill are controlled by a baghouse. Cleaning mechanism: pulse-jet compressed air.
8	<u>ADI-BVF Digester Flares</u> The ADI-BVF anaerobic digester, where water from the processed potatoes at the plant is retained and acted upon by bacteria, is located at the JRS wastewater treatment facility. Biogas byproducts (CH ₄ , CO ₂ , & H ₂ S) that are collected from under the cover of the digester are burned by flares.	PM/PM ₁₀ emissions are uncontrolled. H ₂ S will be controlled by a scrubbing system located between the ADI-BVF anaerobic digester and the biogas flares. The treated biogas will be mixed with untreated biogas before it is sent to the flares.
9	<u>Heater</u> Natural-gas-fired; Rated heat input capacity: 11.9 MMBtu/hr.	None

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2. FACILITY-WIDE CONDITIONS

The following table contains a summary of requirements that apply generally to emissions units at the facility.

Table 2.1 FACILITY-WIDE APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Record-keeping Requirements
2.1	Fugitive emissions	Reasonable control	IDAPA 58.01.01.650-651	2.2, 2.3, 2.4, 2.11, 2.12
2.5	Fugitive emissions	No fugitive dust leaving the property for a period greater than three minutes in any 60-minute period	PTC No. 067-00017	2.4, 2.11
2.6	Odors	Reasonable control	IDAPA 58.01.01.775-776	2.7, 2.11, 2.12
2.8	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	2.9, 2.11, 2.12
2.10	Excess emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130-136	2.10-2.10.5, 2.11, 2.12
2.15	Fuel-burning equipment	Grain-loading standard	IDAPA 58.01.01.676-677	2.11, 2.12
2.16	Fuel sulfur content	ASTM Grade 1 – 0.3% by weight; ASTM Grade 2 – 0.5% by weight	IDAPA 58.01.01.728	2.11, 2.12
2.17	Open burning	Compliance with IDAPA 58.01.01.600-616	IDAPA 58.01.01.600-616	2.11, 2.12
2.18	Renovation or demolition	Compliance with 40 CFR 61, Subpart M	40 CFR 61, Subpart M	2.11, 2.12
2.19	Chemical accidental release	Compliance with 40 CFR 68	40 CFR 68	2.11, 2.12
2.20	Recycling and emissions reductions	Compliance with 40 CFR 82, Subpart F	40 CFR 82, Subpart F	2.11, 2.12
2.21-2.28	NSPS	Compliance with 40 CFR 60	40 CFR 60.4, 60.7(a)(4), 60.7(b), 60.11(c), 60.11(d), 60.11(g), 60.12, 60.5, 60.14, and 60.15	2.11, 2.12

Fugitive Emissions

2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651.

[IDAPA 58.01.01.650-651, 5/1/94]

2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

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- 2.3 The permittee shall maintain records of all fugitive emissions complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
[IDAPA 58.01.01.322.06, 07, 5/1/94]
- 2.4 The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions, to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each quarterly fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.
[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]
- 2.5 Fugitive emissions shall not be observed leaving the property for a period or periods aggregating more than three minutes in any 60-minute period. Visible emissions shall be determined by EPA Reference Method 22, as described in 40 CFR 60, Appendix A, or by a Department-approved alternative method.
[PTC No. 067-00017, 11/15/99; PTC No. 067-00017, 6/30/00]

Odors

- 2.6 No person shall allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.
[IDAPA 58.01.01.775-776, 5/1/94]
- 2.7 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
[IDAPA 58.01.01.322.06, 07 (state-only), 5/1/94]

Visible Emissions

- 2.8 No person shall discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, NO_x, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this permit condition.
[IDAPA 58.01.01.625, 4/5/00]
- 2.9 The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in its annual compliance certification and in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain

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records of the results of each quarterly visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

Excess Emissions

2.10 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 shall govern in the event of conflicts between the subsections of Permit Condition 2.10 and the regulations of IDAPA 58.01.01.130-136.

2.10.1 The person responsible for, or in charge of, a facility during an excess emissions event shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing such excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of the Department, submit a full report of such occurrence, including a statement of all known causes and of the scheduling and nature of the actions to be taken.

[IDAPA 58.01.01.132, 4/5/00]

2.10.2 In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to the following:

[IDAPA 58.01.01.133, 4/5/00]

- A prohibition of any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory and/or a Wood Stove Curtailment Advisory has been declared by the Department.

[IDAPA 58.01.01.133.01.a, 3/20/97]

- Notifying the Department of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the excess emission event unless the owner or operator demonstrates to the Department's satisfaction that a shorter advanced notice was necessary.

[IDAPA 58.01.01.133.01.b, 4/5/00]

- The owner or operator of a source of excess emissions shall report and record the information required pursuant to Permit Conditions 2.10.4 and 2.10.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

[IDAPA 58.01.01.133.01.c, 3/20/97]

2.10.3 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures results or may result in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:

[IDAPA 58.01.01.134, 4/5/00]

2.10.3.1 For all equipment or emissions units from which excess emissions result during upset or breakdown conditions, or for other situations that may necessitate the implementation of safety measures which cause excess emissions, the facility owner or operator shall comply with the following:

[IDAPA 58.01.01.134.02, 4/5/00]

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- The owner or operator shall immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.
[IDAPA 58.01.01.134.02.a, 4/5/00]
- The owner or operator shall notify the Department of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the owner or operator demonstrates to the Department's satisfaction that the longer reporting period was necessary.
[IDAPA 58.01.01.134.02.b, 4/5/00]
- The owner or operator shall report and record the information required pursuant to Permit Conditions 2.10.4 and 2.10.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.
[IDAPA 58.01.01.134.02.c, 3/20/97]

2.10.3.2 During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, the Department may require the owner or operator to immediately reduce or cease operation of the equipment or emissions unit causing the excess emissions until such time as the condition causing the excess emissions has been corrected or brought under control. Such action by the Department shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the facility owner or operator.
[IDAPA 58.01.01.134.03, 4/5/00]

2.10.4 A written report for each excess emissions event shall be submitted to the Department by the owner or operator no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.
[IDAPA 58.01.01.135.01, 3/20/97; IDAPA 58.01.01.135.02, 4/5/00]

2.10.5 The owner or operator shall maintain excess emissions records at the facility for the most recent five-calendar-year period. The excess emissions records shall be made available to the Department upon request. The excess emissions records shall include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:
[IDAPA 58.01.01.136.01, 02, 3/20/97; IDAPA 58.01.01.136.03, 4/5/00]

2.10.5.1 An excess emissions record book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to the Department pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment.
[IDAPA 58.01.01.136.03.a, 4/5/00]

2.10.5.2 Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, and safety preventative maintenance plans that have been developed by the owner or operator in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.
**[IDAPA 58.01.01.136.03.b, 3/20/97; IDAPA 58.01.01.130-136, 4/5/00
(state-only; federally enforceable upon approval into the SIP); IDAPA 58.01.01.322.08.b, 3/23/98]**

Monitoring and Recordkeeping

2.11 The permittee shall maintain sufficient recordkeeping to assure compliance with the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were

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performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to Department representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94]

Reports and Certifications

- 2.12 All periodic reports and certifications required by this permit shall be submitted to the Department within 30 days of the end of each specified reporting period. Excess emissions reports and notifications shall be submitted in accordance with IDAPA 58.01.01.130-136. Reports, certifications, and notifications shall be submitted to the following address:

Air Quality Permit Compliance
Department of Environmental Quality
Twin Falls Regional Office
601 Pole Line Road, Suite 2
Twin Falls, ID 83301
Phone: (208) 736-2190 Fax: (208) 736-2194

The periodic compliance certification required in the General Provisions shall also be submitted within 30 days of the end of the specified reporting period to the following:

EPA Region 10
Air Operating Permits, OAQ-107
1200 Sixth Ave.
Seattle, WA 98101

[IDAPA 58.01.01.322.08, 11, 5/1/94]

Compliance Testing

- 2.13 If testing is required, the permittee shall provide notice of intent to test to the Department at least 15 days prior to the scheduled test or shorter time period as provided in a permit, order, consent decree, or by Department approval. The Department may, at its option, have an observer present at any emissions tests conducted on a source. The Department requests such testing not be performed on weekends or state holidays.

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All testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior Department approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by the Department for any testing deviations, the Department may determine that the testing does not satisfy the testing requirements. Therefore, prior to conducting any compliance test, the permittee is strongly encouraged to submit in writing to the Department, at least 30 days in advance, the following for approval:

- The type of test method to be used
- Any extenuating or unusual circumstances regarding the proposed test
- The proposed schedule for conducting and reporting the test

Within 30 days following the date in which a compliance test required by this permit is concluded, the permittee shall submit a report to the Department for the respective test. The compliance test report shall include all process operating data collected during the test period as well as the test results, raw test data, and associated documentation, including any approved test protocol.

The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the following address:

Air Quality Permit Compliance
Department of Environmental Quality
Twin Falls Regional Office
601 Pole Line Road, Suite 2
Twin Falls, ID 83301
Phone: (208) 736-2190

Fax: (208) 736-2194

[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94]

Test Methods

- 2.14 If testing is required, the permittee shall use the test methods described in Table 2.2 to measure the pollutant emissions:

TABLE 2.2 EPA REFERENCE TEST METHODS

Pollutant	Test Method*	Special Conditions
PM ₁₀	EPA Method 201.a EPA Method 202	
PM	EPA Method 5	
H ₂ S	Department-approval Method	
NO _x	EPA Method 7	
SO ₂	EPA Method 6	
CO	EPA Method 10	
VOC	EPA Method 25	
Opacity	EPA Method 9	If an NSPS* source, IDAPA 58.01.01.625 and Method 9; otherwise, IDAPA 58.01.01.625 only.

* or Department-approved alternative in accordance with IDAPA 58.01.01.157

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Fuel-burning Equipment

2.15 Unless specified elsewhere in the permit, the following shall apply to fuel-burning equipment at the facility:

- For fuel-burning equipment commencing operation on or after October 1, 1979, with a rated input of 10 MMBtu/hr or more, the permittee shall not discharge to the atmosphere particulate matter in excess of 0.015 gr/dscf of effluent gas corrected to 3% O₂ by volume for gas, 0.050 gr/dscf of effluent gas corrected to 3% O₂ by volume for liquid, 0.050 gr/dscf of effluent gas corrected to 8% O₂ by volume for coal, and 0.080 gr/dscf of effluent gas corrected to 8% O₂ by volume for wood products.

[IDAPA 58.01.01.676, 5/1/94]

- For fuel-burning equipment in operation prior to October 1, 1979, or with a maximum rated input of 10 MMBtu/hr or less, the permittee shall not discharge to the atmosphere particulate matter in excess of 0.015 gr/dscf of effluent gas corrected to 3% O₂ by volume for gas; 0.050 gr/dscf of effluent gas corrected to 3% O₂ by volume for liquid 0.100 gr/dscf of effluent gas corrected to 8% O₂ by volume for coal, and 0.200 gr/dscf of effluent gas corrected to 8% O₂ by volume for wood products.

[IDAPA 58.01.01.677, 5/1/94]

Sulfur Content

2.16 No person shall sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur:

- ASTM Grade 1 fuel oil – 0.3% by weight.
- ASTM Grade 2 fuel oil – 0.5% by weight.

2.16.1 The permittee shall maintain supplier certification of fuel oil sulfur content.

[IDAPA 58.01.01.322.06, 5/1/94; IDAPA 58.01.01.728, 5/1/94]

Open Burning

2.17 The permittee shall comply with the requirements of IDAPA 58.01.01.600-616, *Rules for Control of Open Burning*.

[PTC No. 067-00017, 11/15/99; PTC No. 067-00017, 6/30/00; IDAPA 58.01.01.600-616, 5/1/94]

Renovation/Demolition

2.18 The permittee shall comply with all applicable portions of 40 CFR Part 61, Subpart M when conducting any renovation or demolition activities at the facility.

[40 CFR 61, Subpart M]

Regulated Substances for Accidental Release Prevention

2.19 An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR Part 68 no later than the latest of the following dates:

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Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- Three years after the date on which a regulated substance present above a threshold quantity is first listed under 40 CFR 68.130.
- The date on which a regulated substance is first present above a threshold quantity in a process.
[40 CFR 68.10 (a)]

Recycling and Emissions Reductions

- 2.20 The permittee shall comply with applicable standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Recycling and Emissions Reduction.
[40 CFR 82, Subpart F]

The following conditions apply to each NSPS affected source at the facility:

- 2.21 All requests, reports, applications, submittals, and other communications to the Administrator pursuant to 40 CFR 60, NSPS shall be submitted in duplicate to the Region 10 Office of the EPA to the attention of the Director of the Office of Air Quality. All information required to be submitted to EPA for applicable NSPS requirements, must also be submitted to the Department.
[40 CFR 60.4]
- 2.22 Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification as follows: a notification of any physical or operational change to an existing facility that may increase the emissions rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days, or as soon as practicable, before the change is commenced and shall include information describing the precise nature of the change, present and proposed emissions control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.
[40 CFR 60.7(a)(4)]
- 2.23 Any owner or operator subject to the provisions of this part shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
[40 CFR 60.7(b)]
- 2.24 The opacity standards set forth in this part shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.
[40 CFR 60.11(c)]
- 2.25 At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
[40 CFR 60.11(d)]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- 2.26 For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.
[40 CFR 60.11(g)]
- 2.27 No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard, which is based on the concentration of a pollutant in the gases discharged to the atmosphere.
[40 CFR 60.12]
- 2.28 A change to an existing facility may constitute a modification or reconstruction as described in 40 CFR 60.14 and 15, respectively. The source can request a determination of reconstruction or modification as described in 40 CFR 60.5.
[40 CFR 60.5, 60.14, 60.15]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017**Permittee:** J.R. Simplot Co., Food Group**Date Issued:** NOVEMBER 18, 2002**Location:** Heyburn, Idaho**Date Expires:** NOVEMBER 18, 2007*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.***3. LINE 1 DRYER, LINE 2 DRYER, AND LINE 4 DRYER****Summary Description**

The following is a narrative description of the line 1, line 2, and line 4 dryers regulated in this Tier I operating permit. This description is for informational purposes only.

The dryers receive potatoes after being sorted, steam-peeled, cut, and blanched to remove surface moisture. The dryers are operated exclusively on natural gas. After drying, potatoes are placed in the fryers. The line 1 dryer, line 2 dryer, and line 4 dryer were installed in 1968, 1974, and 1989, respectively. The dryers rated combustion capacities are 24.1, 22, and 3.74 MMBtu/hr, respectively. The dryers' potato capacities are 432, 456, and 264 T/day, respectively.

The line 1 dryer and line 2 dryer were manufactured by Proctor & Schwartz. The line 4 dryer was manufactured by Shockey Sheetmetal, Inc.

There is not a line 3 dryer at the Heyburn plant.

Table 3.1 lists the emissions control devices for the lines 1, 2, and 4 dryers.

TABLE 3.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emission Unit(s) / Process(es)	Emission Control Device
Line 1, 2, and 4 dryers	None

Table 3.2 contains a summary of requirements that apply generally to the lines 1, 2, 4 dryers. Specific permit requirements are listed below Table 3.2.

TABLE 3.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
3.1	PM ₁₀ – line 1 dryer	9.0 lb/hr, 39.4 T/yr	Tier II permit No. 067-00017 (10/23/02)	3.11, 3.12
3.2	PM ₁₀ – line 2 dryer	8.5 lb/hr, 37.2 T/yr	Tier II permit No. 067-00017 (10/23/02)	3.11, 3.12
3.3	PM ₁₀ – line 4 dryer	7.9 lb/hr, 34.6 T/yr	Tier II permit No. 067-00017 (10/23/02)	3.11, 3.12
3.4	Visible emissions – lines 1, 2, 4 dryer stacks	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	2.9, 3.12
3.5	PM – lines 1 and 2 dryers	Process weight rate	IDAPA 58.01.01.702	3.7, 3.8, 3.11, 3.12
3.6	PM – line 4 dryer	Process weight rate	IDAPA 58.01.01.701	3.9, 3.11, 3.12

Permit Limits / Standard Summary

- 3.1 The PM₁₀ emissions from the line 1 dryer stack shall not exceed 9.0 lb/hr and 39.4 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.01, 3/19/99]

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The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- 3.2 The PM₁₀ emissions from the line 2 dryer stack shall not exceed 8.5 lb/hr and 37.2 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.01, 3/19/99]
- 3.3 The PM₁₀ emissions from the line 4 dryer stack shall not exceed 7.9 lb/hr and 34.6 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.01, 3/19/99]
- 3.4 For the lines 1, 2, and 4 dryers, the permittee shall comply with Permit Condition 2.8.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.625, 5/1/94]
- 3.5 No person shall emit to the atmosphere from any process or process equipment operating prior to October 1, 1979, PM in excess of the amount shown by the following equations, where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:
- If PW is less than 17,000 lb/hr, $E=0.045 (PW)^{0.60}$
 - If PW is equal to or greater than 17,000 lb/hr, $E=1.12 (PW)^{0.27}$
- The above process weight equations shall apply to the line 1 and line 2 dryers.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.702, 4/5/00;
IDAPA 58.01.01.322.01 3/19/99]
- 3.6 No person shall emit to the atmosphere from any process or process equipment commencing operation on or after October 1, 1979, PM in excess of the amount shown by the following equations, where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:
- If PW is less than 9,250 lb/hr, $E=0.045 (PW)^{0.60}$
 - If PW is equal to or greater than 9,250 lb/hr, $E=1.10 (PW)^{0.25}$
- The above process weight equations shall apply to the line 4 dryer.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.701, 4/5/00;
IDAPA 58.01.01.322.01, 3/19/99]

Operating Requirements

- 3.7 The maximum throughput of finished potato product from the line 1 dryer shall not exceed 432 T/day. The maximum throughput of finished potato product from the line 1 dryer shall not exceed 138,200 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]
- 3.8 The maximum throughput of finished potato product from the line 2 dryer shall not exceed 456 T/day. The maximum throughput of finished potato product from the line 2 dryer shall not exceed 146,000 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]
- 3.9 The maximum throughput of finished potato product from the line 4 dryer shall not exceed 264 T/day. The maximum throughput of finished potato product from the line 4 dryer shall not exceed 57,000 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]
- 3.10 The line 1 dryer, line 2 dryer, and line 4 dryer shall burn natural gas exclusively.
[Tier II Permit No. 067-00017, 10/23/02]

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Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

Monitoring & Recordkeeping Requirements

- 3.11 The permittee shall monitor and record daily and annually, the throughput of finished potato product from the line 1 dryer, line 2 dryer, and line 4 dryer to demonstrate compliance with Permit Conditions 3.7, 3.8, and 3.9. Throughput shall be recorded as tons per day and tons per year. The respective throughput for each day may be determined using monthly throughput records. These records shall remain onsite for the most recent five-year period and shall be made available to Department representative upon request.
[IDAPA 58.01.01.322.06, 07, 5/1/94]
- 3.12 Within the first year of issuance of this Tier I operating permit, the permittee shall conduct compliance tests to measure PM₁₀ emissions from the line 1 dryer stack, the line 2 dryer stack, and the line 4 dryer stack using the test methods and procedures contained in Permit Conditions 2.13 and 2.14 to demonstrate compliance with Permit Conditions 3.1, 3.2, and 3.3. The tests shall be conducted in accordance with IDAPA 58.01.01.157, and the following requirements:
- 3.12.1 Visible emissions shall be observed during each test run using methods specified in IDAPA 58.01.01.157.
- 3.12.2 The compliance tests for the line 1, line 2, and line 4 dryer stacks shall be conducted while the dryers are operating at worst case normal operating conditions (as documented by the permittee) or while they are operating at a minimum of 80% of their maximum throughput limit (measured as finished potato product).
- 3.12.3 If the PM₁₀ measured during the compliance tests is less than or equal to 75% of the permitted PM₁₀ emission limits, no further testing shall be required for this permit term. If the PM₁₀ measured during the compliance tests is greater than 75%, but less than or equal to 90% of the permitted PM₁₀ emission limits, a second test shall be required in the third year of this permit term. If the PM₁₀ measured during the compliance tests is greater than 90% of the permitted PM₁₀ emission limits, the permittee shall conduct a compliance test annually.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 09, 5/1/94]
- 3.13 The permittee shall comply with Permit Condition 2.9.
[IDAPA 58.01.01.322.06, 07, 5/1/94]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017**Permittee:** J.R. Simplot Co., Food Group**Date Issued:** NOVEMBER 18, 2002**Location:** Heyburn, Idaho**Date Expires:** NOVEMBER 18, 2007*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.***4. LINE 1 FRYER, LINE 2 FRYER, LINE 3 FRYER, AND LINE 4 FRYER****Summary Description**

The following are narrative descriptions of the line 1, line 2, line 3, and line 4 fryers regulated in this Tier I operating permit. These descriptions are for informational purposes only.

The line 1, line 2, line 3, and line 4 fryers are primarily used to process french fries. Batter is applied only to the line 4 fryer. The line 1, line 2, line 3, and line 4 fryers receive the potatoes after being sorted, steam peeled, cut and blanched, and dried. Line 3 is primarily used to process the pre-formed products. There is no dryer associated with the line 3 fryer. Hot cooking oil is used to partially cook the potatoes before they are frozen. Steam coils are used to supply the heat to the oil in the fryers.

The rated capacities of the line 1, 2, 3, and 4 fryers are 432, 456, 72, and 264 T/day of potatoes, respectively. The line 1 fryer was manufactured by the JR Simplot Co. in 1968. The line 2 fryer was manufactured by Gem Equipment and was installed in 1968. The line 3 fryer was manufactured by Heat and Control, Inc. and was installed in 1986. The line 4 fryer was manufactured by Stein and was installed in 1989. The line 2 and 3 fryers were permitted by the Department on November 15, 1999.

All fryers are primarily vented to a WESP. The WESP was manufactured by Geoenergy International Corp.

Table 4.1 lists the devices used to control emissions from the lines 1, 2, 3, and 4 fryers.

Table 4.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emission Unit(s) / Process(es)	Emission Control Device
Line 1, 2, 3, and 4 fryers	E-Tube wet electrostatic precipitator

Table 4.2 contains a summary of requirements that apply generally to line 1, 2, 3, and 4 fryers. Specific permit requirements are listed below Table 4.2.

Table 4.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
4.1	PM ₁₀ from the WESP stack (line 1, 2, 3, and 4 fryers)	10.53 lb/hr, 46.1 T/yr	Tier II Permit No. 067-00017 (10/23/02)	4.9, 4.10, 4.11, 4.13, 4.14
4.2	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	4.10, 4.12
4.3	PM – lines 1 and 2 fryers	Process weight	IDAPA 58.01.01.702.01	4.5, 4.6
4.4	PM – line 3 and 4 fryers	Process weight	IDAPA 58.01.01.701.01	4.5, 4.6

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Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

Permit Limits / Standard Summary

- 4.1 The PM₁₀ emissions from the WESP stack shall not exceed 10.53 lb/hr and 46.1 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.01, 3/19/99]
- 4.2 For lines 1, 2, 3, and 4 fryers, the permittee shall comply with Permit Condition 2.8.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.625, 5/1/94]
- 4.3 No person shall emit to the atmosphere from any process or process equipment operating prior to October 1, 1979, PM in excess of the amount shown by the following equations, where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:

- If PW is less than 17,000 lb/hr, $E=0.045 (PW)^{0.60}$
- If PW is equal to or greater than 17,000 lb/hr, $E=1.12 (PW)^{0.27}$

The above equations shall apply to the line 1 and line 2 fryers.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.702, 4/5/00;
IDAPA 58.01.01.322.01 3/19/99]

- 4.4 No person shall emit to the atmosphere from any process or process equipment commencing operation on or after October 1, 1979, PM in excess of the amount shown by the following equations, where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:

- If PW is less than 9,250 lb/hr, $E=0.045 (PW)^{0.60}$
- If PW is equal to or greater than 9,250 lb/hr, $E=1.10 (PW)^{0.25}$

The above equations shall apply to the line 3 fryer and to line 4 fryer.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.701, 4/5/00;
IDAPA 58.01.01.322.01, 3/19/99]

Operating Requirements

- 4.5 Emissions from the line 1 fryer, line 2 fryer, line 3 fryer, and line 4 fryer shall all exhaust through the WESP stack.
[Tier II Permit No. 067-00017, 10/23/02]
- 4.6 The maximum throughput of finished potato product from the line 1 fryer, line 2 fryer, line 3 fryer, and line 4 fryer shall not exceed 1224 T/day. The maximum throughput of finished potato product from the line 1 fryer, line 2 fryer, line 3 fryer, and line 4 fryer shall not exceed 362,200 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]
- 4.7 Within 60 days of issuance of this permit, the permittee shall install, calibrate, maintain, and operate equipment to monitor and record the secondary voltage at each T-R set for each field of the WESP, in accordance with manufacturer specifications.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- 4.8 The permittee shall install, calibrate, maintain, and operate equipment to measure the temperature differential between the inlet and outlet of the quench chamber of the WESP, in accordance with manufacturer specifications.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]

Monitoring & Recordkeeping Requirements

- 4.9 The permittee shall monitor and record daily and annually, the throughput of finished potato product from all four fryers at the facility to determine compliance with Permit Condition 4.6. Throughput shall be recorded as tons per day and tons per year. The throughput for each day may be determined using monthly throughput records. Throughput records shall be maintained onsite for the most recent five-year period and shall be made available to Department representatives upon request.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94]

- 4.10 Within the first year of issuance of this Tier I operating permit, the permittee shall conduct a compliance tests to measure PM₁₀ emissions from the WESP stack using the test methods and procedures contained in Permit Conditions 2.13 and 2.14 to demonstrate compliance with Permit Condition 4.1. The test shall be performed in accordance with IDAPA 58.01.01.157, and the following requirements:

- 4.10.1 Visible emissions shall be observed during each test run using methods specified in IDAPA 58.01.01.157.
- 4.10.2 The compliance tests for the WESP stack shall be conducted while the fryers are operating at worst case normal operating conditions (as documented by the permittee) or while they are operating at a minimum of 80% of their maximum throughput limit (measured as finished potato product).
- 4.10.3 The secondary voltage at each T-R set for each field of the WESP in each section of the WESP shall be recorded during each test.
- 4.10.4 The temperature differential between the inlet and outlet of the quench chamber of the WESP shall be recorded during each test.
- 4.10.5 If the PM₁₀ measured in the compliance test is less than or equal to 75% of the permitted PM₁₀ emission limits, no further testing shall be required for this permit term. If the PM₁₀ measured during the compliance test is greater than 75%, but less than or equal to 90% of the permitted PM₁₀ emission limits, a second test shall be required in the third year of this permit term. If the PM₁₀ measured during the compliance test is greater than 90% of the permitted PM₁₀ emission limits, the permittee shall conduct a compliance test annually.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 09, 5/1/94]

- 4.11 Within 60 days of issuance of this permit, the permittee shall have developed an O&M manual for the WESP in accordance with manufacturer specifications. The WESP shall be maintained within manufacturer and O&M manual specifications. The O&M manual shall address the operation, maintenance, and repair of the WESP and shall include at a minimum, the following: a general description of the WESP, normal operating conditions and procedures, methods of preventing malfunctions, appropriate corrective actions to be taken, and provisions for weekly inspections. The O&M manual shall stipulate the secondary voltage at each T-R set for each field of the WESP and that the temperature differential between the inlet and outlet of the WESP shall be maintained in accordance with manufacturer specifications. The O&M manual shall be maintained onsite at all times and shall be made available to Department representatives upon request.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- 4.12 The permittee shall comply with Permit Condition 2.9.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94;
IDAPA 58.01.01.322.08, 4/5/00]
- 4.13 The permittee shall record daily the secondary voltage at each T-R set for each field of the WESP.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94;
IDAPA 58.01.01.322.08, 4/5/00]
- 4.14 The permittee shall record daily the temperature differential between the inlet and outlet of the quench chamber of the WESP.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94;
IDAPA 58.01.01.322.08, 4/5/00]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017**Permittee:** J.R. Simplot Co., Food Group**Date Issued:** NOVEMBER 18, 2002**Location:** Heyburn, Idaho**Date Expires:** NOVEMBER 18, 2007*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.***5. SPRINGFIELD, CLEAVER-BROOKS, AND NEBRASKA BOILERS****Summary Description**

The following is a narrative description of the Springfield, Cleaver-Brooks, and Nebraska boilers regulated in this Tier I operating permit. These descriptions are for informational purposes only.

The Simplot Heyburn plant operates three natural gas-fired boilers; a Springfield boiler, a Cleaver-Brooks boiler, and a Nebraska boiler with heat input capacities of 37.8, 76.7, and 80 MMBtu/hr, respectively. The Springfield and Cleaver-Brooks boilers were installed in 1960 and 1968, respectively; while the Nebraska boiler was installed in 1999. The Springfield and Cleaver-Brooks boilers are not subject to NSPS Subpart Dc because they were installed prior to the effective date of these regulations. The Nebraska boiler is subject to Subpart Dc.

The Springfield and Nebraska boilers were permitted by the Department on November 15, 1999, and June 30, 2000, respectively. The Cleaver-Brooks boiler was constructed prior to state and federal air quality regulations and has not been modified or reconstructed.

Table 5.1 lists the devices used to control emissions from the boilers.

Table 5.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emission Unit(s) / Process(es)	Emission Control Device
Springfield boiler	None
Cleaver-Brooks boiler	None
Nebraska boiler	Boiler is equipped with low-NO _x burners

Table 5.2 contains a summary of requirements that apply generally to the boilers. Specific permit requirements are listed below Table 5.2.

Table 5.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
5.1	PM for each boiler	0.015 gr/dscf at 3% O ₂	Tier II Permit No. 067-00017 (10/23/02); IDAPA 58.01.01.677	5.4, 5.6
5.2	PM ₁₀	0.28 lb/hr, 1.2 T/yr (Springfield boiler); 0.57 lb/hr, 2.5 T/yr (Cleaver-Brooks boiler); 0.60 lb/hr, 2.6 T/yr (Nebraska boiler)	Tier II Permit No. 067-00017 (10/23/02)	5.4, 5.6
5.3	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	Tier II Permit No. 067-00017 (10/23/02); IDAPA 58.01.01.625	5.4, 5.6, 5.7

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

Permit Limits / Standard Summary

- 5.1 The PM₁₀ emissions from each of the Springfield, Cleaver-Brooks, and Nebraska boiler stacks shall not exceed 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume when natural gas is combusted, as required in IDAPA 58.01.01.675.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.675, 5/1/94; IDAPA 58.01.01.322.01, 3/19/99]
- 5.2 The PM₁₀ emissions from the Springfield, Cleaver-Brooks, and Nebraska boiler stacks shall not exceed 0.28 lb/hr and 1.2 T/yr; 0.57 lb/hr and 2.5 T/yr, and 0.60 lb/hr and 2.6 T/yr, respectively.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.01, 3/19/99]
- 5.3 The permittee shall comply with Permit Condition 2.8 for all boiler stack visible emissions.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.625, 5/1/94]

Operating Requirements

- 5.4 The Springfield, Cleaver-Brooks, and Nebraska boilers shall burn natural gas exclusively.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01. 322.06, 5/1/94]
- 5.5 The Nebraska boiler shall be equipped with low-NO_x burner technology.
[Tier II Permit No. 067-00017, 10/23/02]

Monitoring & Recordkeeping Requirements

- 5.6 For the Nebraska boiler, the permittee shall maintain records of the amount of natural gas combusted each day. Records of the fuel throughput shall be kept onsite for the most recent five-year period and shall be made available to Department representatives upon request.
[40 CFR 60.48c(g), 40 CFR 60.48c(l); Tier II Permit No. 067-00017, 10/23/02]
- 5.7 The permittee shall comply with Permit Condition 2.9.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017**Permittee:** J.R. Simplot Co., Food Group**Date Issued:** NOVEMBER 18, 2002**Location:** Heyburn, Idaho**Date Expires:** NOVEMBER 18, 2007*The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.***6. ETHANOL PRODUCTION PLANT AND STORAGE TANKS*****Summary Description***

The following are narrative descriptions of the ethanol production plant and storage tanks regulated in this Tier I operating permit. These descriptions are for informational purposes only.

The ethanol plant is a continuous-cook, batch-fermentation, and continuous-dehydration system. The production plant uses fruit, grain, and vegetable waste, including potato waste from the Heyburn facility and other facilities, in combination with various chemicals and enzymes to produce a mixture of ethanol, water, and solids. The mixture is pumped to an atmospheric distillation tower where the ethanol is separated from the water and solids. The water and solids come out through the bottom of the tower and are pumped to a centrifuge; the centrifuge separates the solids from the liquids. The solids are sold to make cattle feed, and the liquids go to waste treatment. The ethanol is pumped from the distillation column to a molecular sieve dehydrator for removal of the remaining water. The result is 200-proof alcohol which flows from the dehydrator to shift tanks.

Table 6.1 lists the devices used to control emissions from the ethanol production plant.

Table 6.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emission Unit(s) / Process(es)	Emission Control Device
Ethanol production plant and storage tanks	None

Table 6.2 contains a summary of requirements that apply generally to the ethanol production plant and storage tanks. Specific permit requirements are listed below Table 6.2.

Table 6.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
6.1	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625	6.2

Permit Limits / Standard Summary

- 6.1 Visible emissions from any of the ethanol production plant and the storage tanks stacks shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as determined in IDAPA 58.01.01.625.

[IDAPA 58.01.01.625, 4/5/00]

Monitoring & Recordkeeping Requirements

- 6.2 The permittee shall comply with Permit Condition 2.9.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94;
IDAPA 58.01.01.322.08, 4/5/00]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

7. MATERIAL HANDLING SYSTEM

Summary Description

The following is a narrative description of the material handling system regulated in this Tier I operating permit. These descriptions are for informational purposes only.

The ethanol plant receives shelled corn, whole wheat, milo, granulated sugar, and other grains from delivery trucks. The raw material are moved several times via screw conveyors and recovery elevators into storage bins, surge bins, and weigh belts. Material is then dropped into a hammer mill to be ground into the correct size for use in the ethanol plant.

Table 7.1 lists the devices used to control emissions from the material handling system.

Table 7.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES

Emission Unit(s) / Process(es)	Emission Control Device
Material handling system	PM ₁₀ emissions from the receiving area, material handling operations, and the hammer mill are controlled by a baghouse

Table 7.2 contains a summary of requirements that apply generally to the ethanol production plant and storage tanks. Specific permit requirements are listed below Table 7.2.

Table 7.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
7.1	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	Tier II Permit No. 067-00017 (10/23/02); IDAPA 58.01.01.625	7.3, 7.4, 7.5, 7.6
7.2	PM	Process weight	IDAPA 58.01.01.701.01	7.5

Permit Limits / Standard Summary

7.1 The permittee shall comply with Permit Condition 2.8.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.625, 4/5/00]

7.2 No person shall emit to the atmosphere from any process or process equipment commencing operation on or after October 1, 1979, PM in excess of the amount shown by the following equations, where E is the allowable emission from the entire source in pounds per hour, and PW is the process weight in pounds per hour:

- If PW is less than 9,250 lb/hr, $E=0.045 (PW)^{0.60}$,
- If PW is equal to or greater than 9,250 lb/hr, $E=1.10 (PW)^{0.25}$.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.701, 4/5/00;
IDAPA 58.01.01.322.01, 3/19/99]

Monitoring & Recordkeeping Requirements

7.3 Within 60 days of issuance of this permit, the permittee shall install, calibrate, maintain, and operate a pressure-drop monitoring device which measures the pressure differential across the baghouse.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- 7.4 The pressure drop across the baghouse shall be recorded daily. Recording the pressure drop will not be required on days in which the material handling system is not in operation.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]
- 7.5 Within 60 days of issuance of this permit, the permittee shall have developed an O&M manual for the air pollution control equipment of the material handling system, in accordance with manufacturer specifications. The pressure drop across the baghouse shall be maintained within manufacturer and O&M manual specifications and shall be monitored and recorded once on a daily basis. The O&M manual shall address the operation, maintenance, and repair of the air pollution control equipment and shall include, at a minimum, the following: a general description of the air pollution control equipment, normal operating conditions and procedures, methods of preventing malfunctions, appropriate corrective actions to be taken, and provisions for weekly inspections. The O&M manual shall be maintained onsite at all times and shall be made available to the Department representatives upon request.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94]
- 7.6 The permittee shall comply with Permit Condition 2.9.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

8. ADI-BVF DIGESTER FLARES**Summary Description**

The following is narrative descriptions of the ADI-BVF digester flares regulated in this Tier I operating permit. These descriptions are for informational purposes only.

The ADI-BVF anaerobic digester, where the water from the processed potatoes at the plant is retained and acted upon by bacteria, is located at the JRS wastewater treatment facility. The biogas byproducts (CH₄, CO₂, and H₂S) are collected from under the cover of the digester and burned by a flare system. The biogas composition is approximately 60% CH₄, 40% CO₂, and less than 1% H₂S. Pollutants emitted from the biogas flares are PM/PM₁₀, SO₂, CO, and NO_x.

Hydrogen sulfide emissions will be controlled by a scrubbing system located between the ADI-BVF anaerobic digester and the biogas flares. The specification of the scrubbing system are as follows: Manufacturer, Phoenix Biosystems Inc.; Type, iron sponge gas purifier; Model, Vartec-800, 3 units in parallel. The Phoenix system utilizes a modular bio-filter or bio-scrubber, which is packed with ferric-oxide-impregnated redwood chips (iron sponge) media to remove H₂S from the biogas stream. The scrubbing system consists of three down-flow, modular-fiberglass bio-filters operated in parallel for the removal of 60 % or more of the H₂S in the gas stream. Each bio-filter is a 12-foot diameter and 10-foot high container. The treated biogas will be mixed with untreated biogas before it is sent to the flares. When the biogas is flared, the methane is converted to CO₂ and water, and the H₂S is converted to SO₂ gas.

Table 8.1 lists the control device and emissions that it controls.

Table 8.1 EMISSIONS UNIT AND CONTROLLED EMISSIONS

Emission Unit(s) / Process(es)	Emission Control Device
ADI-BVF digester flares	PM ₁₀ emissions are uncontrolled. H ₂ S emissions are controlled by a scrubbing system called the iron sponge gas purifier. H ₂ S gas will then be burned to SO ₂ gas at the flares.

Table 8.2 contains a summary of requirements that apply generally to the ethanol production plant and storage tanks. Specific permit requirements are listed below Table 8.2.

Table 8.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
8.1	SO ₂	40 T/yr	Tier II Permit No. 067-00017 (10/23/02)	8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 8.10
8.2	Odor	Reasonable Control	Tier II Permit No. 067-00017 (10/23/02) IDAPA 58.01.01.775-776	2.7
8.3	PM	0.2 lb PM/100 lb of biogas burned	IDAPA 58.01.01.786.01	8.6

Permit Limits / Standard Summary

- 8.1 The SO₂ emissions from the ADF-BVF digester flares stacks shall not exceed 40.0 T/yr.
[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.01, 3/19/99]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

8.2 Odor emissions from the wastewater facility shall be controlled as required in IDAPA 58.01.01.775 through 776 and Permit Condition 2.6.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.775-776, 5/11/94]

8.3 The PM emissions from the ADF-BVF digester flares shall not exceed 0.2 lb/100 lb of biogas burned.

[IDAPA 58.01.01.786.01, 4/5/00]

Operating Requirements

8.4 The ADI-BVF digester flares shall be operated with a pilot flame present during the operation of the digester. In the event of a flame failure, the permittee shall follow a standard operating procedure to reinitiate the pilot flame as expeditiously as practicable.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]

Monitoring & Recordkeeping Requirements

8.5 Within the first year of issuance of this permit, the permittee shall install, calibrate, maintain, and operate a thermocouple or similar device that detects the presence of a flame in the biogas flares.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]

8.6 Within 60 days of issuance of the Tier II operating permit, the permittee shall install, calibrate, maintain, and operate a biogas flow meter and H₂S gas monitor that shall be placed after the outlet of the iron sponge scrubber and prior to the biogas flares.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 5/1/94]

8.7 Within the first year of issuance of this permit, the permittee shall conduct a compliance test to measure the H₂S concentration in the biogas prior to the biogas flares. This compliance test and any subsequent compliance tests shall be conducted in accordance with Permit Conditions 2.13 and 2.14, and IDAPA 58.01.01.157.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 09, 5/1/94]

8.8 The permittee shall monitor and record the biogas flow and the H₂S concentrations on a weekly basis. Records of these monitored operating parameters shall be maintained at the facility for the most recent five-year period and shall be made available to Department representatives upon request.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 09, 5/1/94]

8.9 The permittee shall use the biogas flow rate and the H₂S concentration results to calculate the annual SO₂ emissions from the biogas flares. This information shall be maintained onsite at all times and shall be made available to Department representatives upon request.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94]

8.10 Within 60 days of issuance of this permit, the permittee shall have developed an O&M manual in accordance with manufacturer specifications for the iron sponge scrubber system. The iron sponge scrubber system shall be maintained within manufacturer and O&M manual specifications. The O&M manual shall address the operation, maintenance, and repair of the iron sponge scrubber system and shall include at a minimum, the following: a general description of the air pollution control equipment, normal operating conditions and procedures, methods of preventing malfunctions, appropriate corrective actions to be taken, and provisions for weekly inspections. The O&M manual shall include methods as described in the manufacturer specifications for a continuous regeneration of the system's media (i.e., iron oxide) to extend the life of this media. The O&M manual shall be maintained onsite at all times and shall be made available to Department representatives upon request.

[Tier II Permit No. 067-00017, 10/23/02; IDAPA 58.01.01.322.06, 07, 5/1/94]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

9. AIR MAKEUP UNIT***Summary Description***

The following is narrative descriptions of the air makeup unit regulated in this Tier I operating permit. This description is for informational purposes only.

There is one natural gas-fired heating unit (S-H-H3) used to maintain the inside room temperature at the receiving warehouse that does not qualify as insignificant activity. This heater has a rated capacity of 11.9 MMBtu/hr and was installed in 1990. Emissions from the heater are released to the atmosphere through room vents. Combustion emissions for the heater are based on continuous operation at burner capacity, assuming all emissions are released to the atmosphere.

Table 9.1 lists the devices used to control emissions from the AMU.

Table 9.1 EMISSIONS CONTROL DEVICES

Emission Unit(s) / Process(es)	Emission Control Device
AMU (S-H-H3)	None

Table 9.2 contains a summary of requirements that apply generally to the air makeup unit. Specific permit requirements are listed below Table 9.2.

Table 9.2 APPLICABLE REQUIREMENTS SUMMARY

Permit Conditions	Parameter & Emission Unit(s)	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring & Recordkeeping Requirements
9.1	AMU	Burning natural gas exclusively	IDAPA 58.01.01.322.01	2.11

Permit Limits / Standard Summary

9.1 The air makeup unit (S-H-H3) shall burn natural gas exclusively.

[IDAPA 58.01.01.322.01, 3/19/99]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

10. INSIGNIFICANT ACTIVITIES

Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01(b) are listed in the Tier I operating permit to qualify for a permit shield. Such activities include those listed in Table 10.1.

Table 10.1 INSIGNIFICANT ACTIVITIES

Description	Insignificant Activities IDAPA 58.01.01.317.01(b)(i) Citation
Storage tanks and vessels with less than 260-gallon capacity with appropriate closures	(1)
Storage tanks and vessels with less than 1,100-gallon capacity with appropriate closures, not for use with HAPs, and with a maximum vapor pressure of 550 mmHg	(2)
Unleaded gasoline storage tank and off-specification ethanol storage tank	(3)
Propane storage tank	(4)
Various natural gas-fired air makeup units rated less than 5 MMBtu/hr	(5)
Various combustion sources rated less than 5 MMBtu/hr, containing less than 0.4% by weight sulfur for coal or less than 1% by weight for other fuels	(6)
Diesel-fired emergency generators rated less than 1 MMBtu/hr	(7)
Welding using less than 1 T/day of welding rod	(9)
Ink used to print on packaging using less than 2 gallons per day	(12)
Various water-cooling towers that are non-process-contact coolers and not greater than 10,000 gpm	(13)
Water chlorination less than 20,000,000 gallons per day of water	(16)
Natural gas, propane, or kerosene-fired space heaters rated less than 5 MMBtu	(18)
Equipment used to exclusively pump, load, and store vegetable oil	(20)
Heaters (AMUs), S-H-H1, S-H-H2, S-H-H4, S-H-H5, S-H-H6, S-H-H7, S-H-H8, Reyco (8.8 MMBtu/hr), S-H-H9	(30)

- 10.1 There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the Facility-wide Permit Conditions.

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

11. TIER I OPERATING PERMIT GENERAL PROVISIONS

General Compliance

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.
[IDAPA 58.01.01.322.15.a, 5/1/94; 40 CFR 70.6(a)(6)(i)]
2. It shall not be a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms and conditions of this permit.
[IDAPA 58.01.01.322.15.b, 5/1/94; 40 CFR 70.6(a)(6)(ii)]
3. Any permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.
[IDAPA 58.01.01.315.01, 5/1/94; 40 CFR 70.5(b)]

Reopening

4. This permit may be revised, reopened, revoked and reissued, or terminated for cause. Cause for reopening exists under any of the circumstances listed in IDAPA 58.01.01.386. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable in accordance with IDAPA 58.01.01.360 through 369.
[IDAPA 58.01.01.322.15.c, 5/1/94; IDAPA 58.01.01.386, 3/19/99; 40 CFR 70.7(f)(1) and (2); 40 CFR 70.6(a)(6)(iii)]
5. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
[IDAPA 58.01.01.322.15.d, 5/1/94; 40 CFR 70.6(a)(6)(iii)]

Property Rights

6. This permit does not convey any property rights of any sort, or any exclusive privilege.
[IDAPA 58.01.01.322.15.e, 5/1/94; 40 CFR 70.6(a)(6)(iv)]

Information Requests

7. The permittee shall furnish all information requested by the Department, within a reasonable time, that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.
[Idaho Code §39-108; IDAPA 58.01.01.122 (5/1/94) and 322.15.f (4/5/00); 40 CFR 70.6(a)(6)(v)]
8. The permittee shall furnish to the Department copies of records required to be kept by this permit upon request. For information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality in accordance with Idaho Code §39-342A and applicable implementing regulations including IDAPA 58.01.01.128.
[IDAPA 58.01.01.322.15.g, 5/1/94; IDAPA 58.01.01.128, 4/5/00; 40 CFR 70.6(a)(6)(v)]

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

Severability

9. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]

Changes Requiring Permit Revision or Notice

10. The permittee may not commence construction or modification of any stationary source, facility, major facility, or major modification without first obtaining all necessary permits to construct or an approval under IDAPA 58.01.01.213, or complying with IDAPA 58.01.01.220 through 223. The permittee shall comply with IDAPA 58.01.01.380 through 386 as applicable.

[IDAPA 58.01.01.200-223, 4/5/00; IDAPA 58.01.01.322.15.i, 380-386, 3/19/99; 40 CFR 70.4(b)(12), (14) and (15), and 70.7(d) and (e)]

11. Changes that are not addressed or prohibited by the Tier I operating permit require a Tier I operating permit revision if such changes are subject to any requirement under Title IV of the CAA, 42 USC Section 7651 through 7651c, or are modifications under Title I of the CAA, 42 USC Section 7401 through 7515. Administrative amendments (IDAPA 58.01.01.381), minor permit modifications (IDAPA 58.01.01.383), and significant permit modifications (IDAPA 58.01.01.382) require a revision to the Tier I operating permit. Clean Air Act section 502(b)(10) changes are authorized in accordance with IDAPA 58.01.01.384. Off-permit changes and required notice are authorized in accordance with IDAPA 58.01.01.385.

[IDAPA 58.01.01.381-385, 3/19/99; IDAPA 58.01.01.209.05, 5/1/94; 40 CFR 70.4(b)(14) and (15)]

Federal and State Enforceability

12. Unless specifically identified as a "state-only" provision, all terms and conditions in this permit, including any terms and conditions designed to limit a source's potential to emit, are enforceable: (i) by the Department in accordance with state law; and (ii) by the United States or any other person in accordance with federal law.

[IDAPA 58.01.01.322.15.j, 5/1/94; 40 CFR 70.6(b)(1) and (2)]

13. Provisions specifically identified as a "state-only" provision are enforceable only in accordance with state law. "State-only" provisions are those that are not required under the CAA or under any of its applicable requirements or those provisions adopted by the state prior to federal approval.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.k, 3/23/98]

Inspection and Entry

14. Upon presentation of credentials, the permittee shall allow the Department or an authorized representative of the Department to do the following:

- Enter upon the permittee's premises where a Tier I source is located or emissions related activity is conducted, or where records are kept under conditions of this permit.
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit.
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.i, 3/19/99; 40 CFR 70.6(c)(2)]

New Requirements During Permit Term

15. The permittee shall comply with applicable requirements that become effective during the permit term on a timely basis.

[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.10.a.ii, 5/1/94;
40 CFR 70.6(c)(3) citing 70.5(c)(8)]

Fees

16. The owner or operator of a Tier I source shall pay annual registration fees to the Department in accordance with IDAPA 58.01.01.525 through IDAPA 58.01.01.538.

[IDAPA 58.01.01.322.15.n, 5/1/94; 40 CFR 70.6(a)(7)]

Certification

17. All documents submitted to the Department shall be certified in accordance with IDAPA 58.01.01.123 and comply with IDAPA 58.01.01.124.

[IDAPA 58.01.01.322.15.o, 5/1/94; 40 CFR 70.6(a)(3)(iii)(A); 40 CFR 70.5(d)]

Renewal

- 18.1 The owner or operator of a Tier I source shall submit an application to the Department for a renewal of this permit at least 6 months before, but no earlier than 18 months before, the expiration date of this operating permit. To ensure that the term of the operating permit does not expire before the permit is renewed, the owner or operator is encouraged to submit a renewal application 9 months prior to the date of expiration.

[IDAPA 58.01.01.313.03, 4/5/00; 40 CFR 70.5(a)(1)(iii)]

- 18.2 If a timely and complete application for a Tier I OP renewal is submitted, but the Department fails to issue or deny the renewal permit before the end of the term of this permit, then all the terms and conditions of this permit including any permit shield that may have been granted pursuant to IDAPA 58.01.01.325 shall remain in effect until the renewal permit has been issued or denied.

[IDAPA 58.01.01.322.15.p, 5/1/94; 40 CFR 70.7(b)]

Permit Shield

19. Compliance with the terms and conditions of the Tier I operating permit, including those applicable to all alternative operating scenarios and trading scenarios, shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

- a. Such applicable requirements are included and are specifically identified in the Tier I operating permit; or
- i. The Department has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.

AIR QUALITY TIER I OPERATING PERMIT NUMBER: 067-00017

Permittee: J.R. Simplot Co., Food Group
Location: Heyburn, Idaho

Date Issued: NOVEMBER 18, 2002
Date Expires: NOVEMBER 18, 2007

The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

- b. The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
- c. Nothing in this permit shall alter or affect the following:
 - i. Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
 - ii. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - iii. The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
 - iv. The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of the Department to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.
[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 322.15.m, 325, 5/1/94; IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, 385.03, 3/19/99; 40 CFR 70.6(f)]

Compliance Schedule and Progress Reports

- 20.
 - a. For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
 - b. For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
 - c. For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.
 - d. For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.
[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9, 10, 5/1/94; 40 CFR 70.6(c)(3) and (4)]

Periodic Compliance Certification

- 21.
 - a. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to the Department and the EPA as follows:
 - b. Compliance certifications for all emissions units shall be submitted annually beginning 12 months from the permit issuance date, or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by the Department;

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- c. The compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit including emissions limitations, standards, and work practices;
- d. The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
 - i. The identification of each term or condition of the Tier I operating permit that is the basis of the certification;
 - ii. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required by this Tier I operating permit. If necessary, the owner or operator shall identify any other material information that must be included in the certification to comply with Section 113(c)(2) of the CAA which prohibits knowingly making a false certification or omitting material information;
 - iii. The status of compliance with the terms and conditions of the permit for the period covered by the certification, based on the method or means designated in Paragraph 21.d.ii above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred;
 - iv. Such other facts as the Department may require to determine the compliance status of the source.
- e. All original compliance certifications shall be submitted to the Department and a copy of all compliance certifications shall be submitted to the EPA.

[IDAPA 58.01.01.322.11, 5/1/94; 40 CFR 70.6(c)(5)(iii); 40 CFR 70.6(c)(5)(iv)]

False Statements

22. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

No Tampering

23. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

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The permittee is hereby allowed to operate the equipment described herein subject to all terms and conditions of the permit.

Semiannual Monitoring Reports

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months starting six months from the date of permit issuance. All instances of deviations from this operating permit's requirements must be clearly identified in the report. All required reports must be certified in accordance with IDAPA 58.01.01.123.
[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

Reporting Deviations and Excess Emissions

25. The permittee shall promptly report all deviations from permit requirements including upset conditions, their probable cause, and any corrective actions or preventive measures taken. For excess emissions, the report shall be made in accordance with IDAPA 58.01.01.130-136. For all other deviations, the report shall be made in accordance with IDAPA 58.01.01.322.08.c, unless otherwise specified in this permit.
[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.135, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

Permit Revision Not Required

26. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.
[IDAPA 58.01.01.322.05.b, 4/5/00; 40 CFR 70.6(a)(8)]

Emergency

27. In accordance with IDAPA 58.01.01.332, an "emergency" as defined in IDAPA 58.01.01.008., constitutes an affirmative defense to an action brought for noncompliance with such technology-based emissions limitation if the conditions of IDAPA 58.01.01.332.02 are met.
[IDAPA 58.01.01.332.01, 3/19/99; 40 CFR 70.6(g)]